

Application Type Renewal
Wastewater Type Sewage
Facility Type SRSTP

NPDES PERMIT FACT SHEET INDIVIDUAL SFTF/SRSTP

Application No. PA0272922
APS ID 1128850
Authorization ID 1512272

Applicant, Facility and Project Information

Applicant Name <u>Marcy J Stanton</u>	Facility Name <u>Stanton SRSTP</u>
Applicant Address <u>663 Thompson Hill Road</u> <u>Russell, PA 16345-2447</u>	Facility Address <u>663 Thompson Hill Road</u> <u>Russell, PA 16345-2447</u>
Applicant Contact <u>Marcy Stanton</u>	Facility Contact _____
Applicant Phone _____	Facility Phone _____
Client ID <u>354279</u>	Site ID <u>787195</u>
SIC Code <u>8800</u>	Municipality <u>Farmington Township</u>
SIC Description <u>Private Households</u>	County <u>Warren</u>
Date Application Received <u>January 10, 2025</u>	WQM Required <u>Yes</u>
Date Application Accepted _____	WQM App. No. _____
Project Description <u>.Renewal application for a Single Resident Sewage Treatment Plant (SRSTP)</u>	

Summary of Review

This is a renewal permit for the existing discharge of an existing home.

Act 14 notifications were submitted and received.

Two years of AMRs have been submitted. The inspector made a comment reminding the permittee to pull the effluent filter out of the septic tank which is likely the cause of the high TSS value reported in the latest AMR.

The treatment system consists of (WQM Permit No. 6214402): A 1,000-gallon dual compartment septic tank with an effluent filter, Ecoflo STP peat filter, and UV light disinfection.

There are no open violations in WMS for the subject Client ID (354279) as January 31, 2025.

Public Participation

DEP will publish notice of the receipt of the NPDES permit application and a tentative decision to issue the individual NPDES permit in the *Pennsylvania Bulletin* in accordance with 25 Pa. Code § 92a.82. Upon publication in the *Pennsylvania Bulletin*, DEP will accept written comments from interested persons for a 30-day period (which may be extended for one additional 15-day period at DEP's discretion), which will be considered in making a final decision on the application. Any person may request or petition for a public hearing with respect to the application. A public hearing may be held if DEP determines that there is significant public interest in holding a hearing. If a hearing is held, notice of the hearing will be published in the *Pennsylvania Bulletin* at least 30 days prior to the hearing and in at least one newspaper of general circulation within the geographical area of the discharge.

Approve	Deny	Signatures	Date
X		Carlee Wilson Carlee Wilson / Environmental Engineering Trainee	January 30, 2025
X		Adam Olesnanik Adam Olesnanik, P.E. / Environmental Engineer Manager	February 18, 2025

Discharge and Stream Data – 2 - Receiving Waters and PWS

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	001	Design Flow (MGD)	.0004
Latitude	41° 55' 30.71"	Longitude	-79° 11' 54.23"
Quad Name	Farmington Township	Quad Code	62913
Wastewater Description: Sewage Effluent			
Receiving Waters	Unnamed Tributary to Rhine Run (CWF)	Stream Code	56364
NHD Com ID	129446808	RMI	0.0000
Drainage Area	0.39	Yield (cfs/mi²)	
Q ₇₋₁₀ Flow (cfs)	0.0188	Q ₇₋₁₀ Basis	USGS- StreamStats
Elevation (ft)	1779	Slope (ft/ft)	
Watershed No.	16-B	Chapter 93 Class.	CWF
Existing Use		Existing Use Qualifier	
Exceptions to Use		Exceptions to Criteria	
Assessment Status	N/A		
Cause(s) of Impairment			
Source(s) of Impairment			
TMDL Status		Name	
Background/Ambient Data		Data Source	
pH (SU)			
Temperature (°F)			
Hardness (mg/L)			
Other:			
Nearest Downstream Public Water Supply Intake	Kittanning Suburban Joint Water Authority		
PWS Waters	Allegheny River	Flow at Intake (cfs)	978
PWS RMI	45.6	Distance from Outfall (mi)	153.97

Changes Since Last Permit Issuance: No changes since last permit issuance.

Other Comments:

This facility discharges into a tributary to Rhine Run which feeds into Conewango Creek and then the Allegheny River.

This SFTF was designed with the SFTF Manual, however, the facility is ineligible for coverage under the PAG-04 General Permit due to the use of an Ecoflo peat filter.

Proposed Effluent Limitations and Monitoring Requirements

The limitations and monitoring requirements specified below are proposed for the draft permit, and reflect the most stringent limitations amongst technology, water quality and BPJ. Instantaneous Maximum (IMAX) limits are determined using multipliers of 2 (conventional pollutants) or 2.5 (toxic pollutants). Sample frequencies and types are derived from the "NPDES Permit Writer's Manual" (362-0400-001), SOPs and/or BPJ.

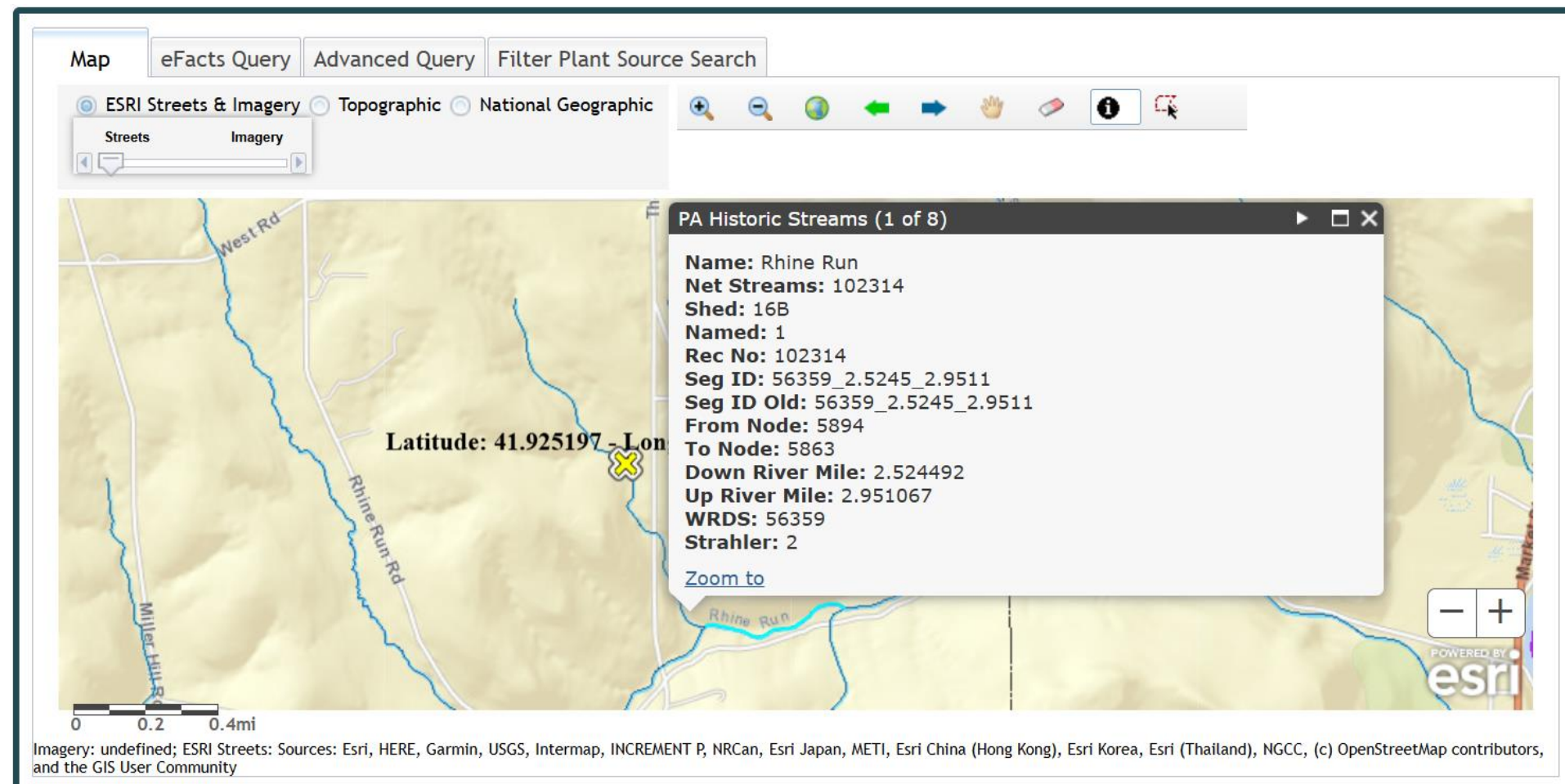
Outfall 001, Effective Period: Permit Effective Date through Permit Expiration Date.

Parameter	Effluent Limitations						Monitoring Requirements	
	Mass Units (lbs/day) ⁽¹⁾		Concentrations (mg/L)				Minimum ⁽²⁾ Measurement Frequency	Required Sample Type
	Average Monthly	Average Weekly	Minimum	Annual Average	Maximum	Instant. Maximum		
Flow (GPD)	Report Annl Avg	XXX	XXX	XXX	XXX	XXX	1/year	Estimate
pH (S.U.)	XXX	XXX	6.0 Inst Min	XXX	XXX	9.0	Upon Request	Grab
BOD5	XXX	XXX	XXX	10.0	XXX	20.0	1/year	Grab
TSS	XXX	XXX	XXX	10.0	XXX	20.0	1/year	Grab
Fecal Coliform (No./100 ml)	XXX	XXX	XXX	200	XXX	XXX	1/year	Grab

Compliance Sampling Location: at Outfall 001, after UV disinfection

Other Comments: Flow is monitor only based on Chapter 92a.61. The limits for BOD₅, Total Suspended Solids, and Fecal Coliform are technology-based on Chapter 92a.47

Attachment 1
eMapPA- Location and Receiving Stream Data



Attachment 2
Google Earth – Aerial Site View

